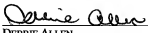


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	§	
EAST, JR., ET AL.	§	Group Art Unit: 3672
	§	
Serial No.: 10/727,453	§	Confirmation No. 7134
	§	
Filed: DECEMBER 4, 2003	§	Examiner: SMITH, MATTHEW J.
	§	
Title: "METHOD OF OPTIMIZING PRODUCTION OF GAS FROM VERTICAL WELLS IN COAL SEAMS"	§	Atty. Docket No: HES 2003-IP-011867U1
	§	
	§	

MAIL STOP AMENDMENT
Honorable Commissioner of Patents
P. O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF FILING ELECTRONICALLY VIA EFS MPEP 503	
I HEREBY CERTIFY THAT I HAVE A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE IS BEING SUBMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE VIA EFS (ELECTRONICALLY) ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:	
HONORABLE COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450	
 DEBBIE ALLEN	APRIL 25, 2008
ELECTRONIC FILING (EFS)	

RESPONSE UNDER 37 C.F.R. § 1.111 TO
NON-FINAL OFFICE ACTION MAILED JANUARY 25, 2008

Dear Honorable Commissioner:

In response to the Office Action mailed January 25, 2008 (the "Office Action"),
Applicants submit the following:

- **Amendments to the Claims** begin on page 2 of this paper; and
- **Remarks/Arguments** begin on page 6 of this paper.